GOVERNMENT OF INDIA
SHIPPING
LOK SABHA

UNSTARRED QUESTION NO:813
ANSWERED ON:20.07.2017
Use of Renewable Energy on Ports
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Will the Minister of SHIPPING be pleased to state:

(a) whether India is going to become the first country in the world to run all Government Ports on renewable/green energy and if so, the details thereof along with the ports which are proposed to run on renewable/green energy;

(b) the capacity of green energy to be installed and the time by which it is likely to be commissioned for the purpose, port-wise;
(c) the total investment likely to be made in these projects;
(d) whether the Government has also directed the private ports for similar switchover and if so, the details thereof; and
(e) the steps taken/being taken by the Government to increase the profitability of Government ports vis-a-vis private ports?

Answer

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

(a)&(b):The Ministry of Shipping has taken steps for generation of Renewable Energy by Major Ports. Renewable energy projects (wind/ ground mounted solar/ rooftop solar) involving about 23 MW capacity have already been commissioned at 11 major ports (except at Paradip port). The target for total such capacity covering all the 12 Major Ports by the end of financial year 2017-18 is 78 MW through these projects.
(c) As per present estimates, 1 MW of solar power project entails an investment of about Rs 5.5 crores and 1 MW of wind power project entails an investment of about Rs 6.5 crores.
(d) The Govt. of India has not directed private ports for any such switch-over.
(e) Continuous improvement in the efficiency of Major Ports on account of modernization, mechanization, acquiring of latest technology, deepening of drafts etc. has resulted in increased profitability of the Major Ports. An international benchmarking consultant conducted a study of Major Ports. The study has identified 106 port wise action points/initiatives out of which 81 initiatives have already been completed and the remaining initiatives are scheduled to be completed by the year 2019. The implementing of these initiatives have further improved the productivity and profitability of the Major Ports.
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